

## 10 REFERENCES

- |                         |   |
|-------------------------|---|
| ACHP 2000               | Advisory Council on Historic Preservation (ACHP). Correspondence from D. Klima, ACHP to K. Kumor, National Aeronautics and Space Administration, September 13, 2000.  |
| Alexander 1892          | W.D. Alexander. <i>Summit Peaks of Mauna Kea</i> . Map. Original scale, 1:24,000. Registered Map 1860, Hawai'i State Survey Office, Honolulu, 1892.   |
| Anonymous 1981          | Oceans Notes. <i>Oryx</i> 16(1):24-25, 1981.  |
| Aqua/Waste 1992         | Aqua/Waste Engineers. Letter report of Industrial Waste Study for W.M. Keck Observatory, July 23, 1992.   |
| Arvidson 2002           | R.E. Arvidson. "Draft Environmental Assessment for the Outrigger Telescopes Project, Response to Comments Concerning the Hydrology of Mauna Kea", Appendix H of the National Aeronautics and Space Administration (NASA) <i>Final Environmental Assessment for the Outrigger Telescopes Assessment</i> . Washington University, St. Louis, Missouri, January 16, 2002.  |
| Ashlock and Gagne 1983  | Ashlock, P.D. and W.C. Gagne. A remarkable new micropterous Nysius species from the aeolian zone of Mauna Kea, Hawai'i Island (Hemiptera:Heteroptera:Lygaeidae). <i>International Journal of Entomology</i> 25(1):47-55, 1983.  |
| Athens and Kaschko 1989 | Athens, J. Stephen, and Michael W. Kaschko 1989. Prehistoric Upland Bird Hunters: Archaeological Inventory Survey and Testing for the MPRC Project Area and the Bobcat Trail Road, Pohakuloa Training Area, Island of Hawaii. International Archaeological Research Institute, Inc., Honolulu. Prepared for U.S. Army Engineer District, Pacific Ocean Division, Fort Shafter, Hawai'i. On file, U.S. Army Engineer District, Fort Shafter. |
| Baldwin 1891            | E.D. Baldwin. <i>Central Hawaii</i> . Map. Original scale, 1:24,000. Registered Map 1718, Hawai'i State Survey Division, Honolulu, 1891.  |

- Bartram 1933 E.B. Bartram. *Manual of Hawaiian Mosses*. Bernice P. Bishop Bulletin 101. 1933.
- Beardsley 1966 J.W. Beardsley. "Investigations of *Nysius* spp. and other insects at Haleakalā, Maui during 1964 and 1965". *Proceedings of the Hawaiian Entomological Society* 19(2), 1966.
- Beardsley 1980 J.W. Beardsley. Haleakalā National Park Crater District Resources Basic Inventory: Insects. Cooperative National Park Resources Studies Unit, Technical Report 31. University of Hawai‘i at Manoa, Honolulu, Hawai‘i, 1980.
- Beckwith 1970 M. Beckwith. *Hawaiian Mythology*. Honolulu: University of Hawai‘i Press, 1970.
- Beckwith 1982 M.W. Beckwith. *Hawaiian Mythology*. Originally published 1940 by Yale University Press. 3<sup>rd</sup> paperback printing. University of Hawai‘i Press, Honolulu, 1982.
- Bier 1988 J.A. Bier. *Hawaii - The Big Island*. Map, 4<sup>th</sup> ed. (Bar scale). University of Hawai‘i Press, Honolulu, 1988.
- Bingham 1969 H. Bingham. *A Residence of Twenty-one Years in the Sandwich Islands*. New York, 1969.
- Brenner and Others 2002 Brenner, G.J., P. Oboyski, and P.C. Banko. Parasitism of endemic *Cydia* spp. (Lepidoptera:Tortricidae) on *Sophora chrysophylla* (Fabaceae) along an elevation gradient of dry subalpine forest on Mauna Kea. *Pan-Pacific Entomologist* 78(2), 2002.
- Bryan 1916 W.A. Bryan. *Proceedings of the Hawaiian Entomological Society* 3, 1916.
- Bryan 1921-1984 L.W. Bryan. Notes, articles, correspondence. Ms. Group 243, Boxes 1-45. Bishop Museum Archives, Honolulu.
- Bryan 1923 W.A. Bryan. "Insects from the Summit of Mauna Kea". *Proceedings of the Hawaiian Entomological Society* 5, 1923.
- Bryan 1926 W.A. Bryan. "Additional notes on insects occurring on Mauna Kea and Mauna Loa". *Proceedings of the Hawaiian Entomological Society* 6, 1926.

Caltech 1982	California Institute of Technology (Caltech). <i>The University of Hawai‘i A 10-Meter Telescope for Millimeter and Submillimeter Astronomy at Mauna Kea, Hāmākua, Hawai‘i, Final Environmental Impact Statement</i> . Prepared by Group 70, August 1982.
CARA 1995a	California Association for Research in Astronomy (CARA). CARA Injury/Incident Reports, Incident #9514, Incident Date August 10, 1995.
CARA 1995b	California Association for Research in Astronomy (CARA). CARA Injury/Incident Reports, Incident #9517, Incident Date September 15, 1995.
CARA 1995c	California Association for Research in Astronomy (CARA). CARA Injury/Incident Report, Incident #9521, Incident Date November 6, 1995.
CARA 1996	California Association for Research in Astronomy (CARA). Mercury Spill Plan, 1996.
CARA 2000a	California Association for Research in Astronomy (CARA). Personal Communication between D. McBride, CARA and J. Everingham, Science Applications International Corporation, October 3, 2000.
CARA 2000b	California Association for Research in Astronomy (CARA). Personal Communication between J. Walker, CARA and J. Everingham, Science Applications International Corporation, October 4, 2000
CARA 2000c	California Association for Research in Astronomy (CARA). Personal Communication between J. Walker, CARA and J. Everingham, Science Applications International Corporation, October 4, 2000.
CARA 2000d	California Association for Research in Astronomy (CARA). Personal Communication between J. Walker, CARA and J. Everingham, Science Applications International Corporation, October 4, 2000.

CARA 2000e	California Association for Research in Astronomy (CARA). Personal Communication between J. Walker, CARA and J. Everingham, Science Applications International Corporation, October 5, 2000.
CARA 2000f	California Association for Research in Astronomy (CARA). Personal Communication between J. Walker, CARA and D. Ford, Science Applications International Corporation, October 30, 2000.
CARA 2001a	California Association for Research in Astronomy (CARA). Correspondence from F. Chaffee, CARA to N. Ho, Sierra Club, February 13, 2001.
CARA 2001b	California Association for Research in Astronomy (CARA). Memorandum from F. Chaffee, CARA to J. Everingham, Science Applications International Association, May 29, 2001.
CARA 2001c	California Association for Research in Astronomy (CARA). Personal Communication between J. Bell, CARA and S. Crede, Science Applications International Corporation, August 28, 2001.
CARA 2001d	California Association for Research in Astronomy (CARA). Personal Communication between J. Bell, CARA and S. Crede, Science Applications International Corporation, September 6, 2001.
CARA 2001e	California Association for Research in Astronomy (CARA). Personal Communication between J. Bell, CARA and S. Crede, Science Applications International Corporation, September 14, 2001.
CARA 2001f	California Association for Research in Astronomy (CARA). Personal Communication between J. Bell, CARA and J. Kelley, Jet Propulsion Laboratory (JPL), November 27, 2001.
CARA 2001g	California Association for Research in Astronomy (CARA). Personal Communication between J. Bell, CARA and D. Ford, Science Applications International Corporation, December 12, 2001.
CARA 2001h	California Association for Research in Astronomy (CARA). Wēkiu Bug Mitigation Plan. December 14, 2001.

CARA 2002a	California Association for Research in Astronomy (CARA). Personal Communication between J. Bell, CARA and S. Crede, Science Applications International Corporation, January 8, 2002.
CARA 2002b	California Association for Research in Astronomy (CARA). CARA Material Safety Data Sheet Database – Active Items, pp. 1-66, November 15, 2002.
CARA 2004a	California Association for Research in Astronomy (CARA). Personal Communication between J. Bell, CARA and S. Crede, Science Applications International Corporation, February 18, 2004.
CARA 2004b	California Association for Research in Astronomy (CARA). Personal Communication between J. Bell, CARA and S. Crede, Science Applications International Corporation, March 9, 2004.
CARA 2004c	California Association for Research in Astronomy (CARA). Personal Communication between J. Bell, CARA and S. Crede, Science Applications International Corporation, March 29, 2004.
CARA 2004d	California Association for Research in Astronomy (CARA). Personal Communication between J. Bell, CARA and S. Crede, Science Applications International Corporation, March 29, 2004.
CARA 2004e	California Association for Research in Astronomy (CARA). Personal Communication between J. Bell, CARA and S. Crede, Science Applications International Corporation, March 29, 2004.
CARA 2004f	California Association for Research in Astronomy (CARA). Personal Communication between J. Bell, CARA and S. Crede, Science Applications International Corporation, March 29, 2004.
CARA 2004g	California Association for Research in Astronomy (CARA). CARA Safety Manual. Issued March 29, 2004.
CARA 2004h	California Association for Research in Astronomy (CARA). Personal Communication between J. Bell, CARA and J. McPherson, Science Applications International Corporation, March 30, 2004.

CARA 2004i	California Association for Research in Astronomy (CARA). Personal Communication between P. Dill, CARA and S. Crede, Science Applications International Corporation, April 12, 2004.
CARA 2004j	California Association for Research in Astronomy (CARA). Personal Communication between D. McBride, CARA and S. Crede, Science Applications International Corporation, April 30, 2004.
CARA 2004k	California Association for Research in Astronomy (CARA). Personal Communication between J. Bell, CARA and S. Crede, Science Applications International Corporation, May 12, 2004.
CARA 2004l	California Association for Research in Astronomy (CARA). Personal Communication between J. Bell, CARA and D. Czelusniak, Science Applications International Corporation, May 25, 2004.
CARA 2004m	California Association for Research in Astronomy (CARA). Personal Communication between J. Bell, CARA and J. McPherson, Science Applications International Corporation, May 27, 2004.
CARA 2004n	California Association for Research in Astronomy (CARA). Personal Communication between J. Bell, CARA and S. Crede, Science Applications International Corporation, June 1, 2004.
CARA 2004o	California Association for Research in Astronomy (CARA). Personal Communication between J. Bell, CARA and S. Crede, Science Applications International Corporation, April 28, 2004.
CEQ Regulations	Council on Environmental Quality (CEQ). CEQ Regulations, 40 CFR Parts 1500-1508.
CEQ 1997	Council on Environmental Quality (CEQ). <i>Considering Cumulative Effects Under the National Environmental Policy Act</i> . January 1997.

- CFHT 1974 Canada-France-Hawaii-Telescope Corporation (CFHT). *Final Environmental Impact Statement: Proposed Telescope and Observatory Facilities Mauna Kea (Summit), Hawaii*. Prepared by Neighbor Island Consultants, May 1974.
- CFHT 2000a CFH Telescope Information Bulletin No. 42, Second Semester 2000. Forum, 'OHANA, Dream or Reality. Internet website: <http://www.cfht.hawaii.edu/Reference/Bulletin/Bull42/bulletin42.pdf>. Accessed April 29, 2004. Dated 2000.
- CFHT 2000b *The OHANA Project Plan*. Internet Web Site: [http://www.cfht.hawaii.edu/~lai/OHANA/project\\_plan.txt](http://www.cfht.hawaii.edu/~lai/OHANA/project_plan.txt). Accessed April 22, 2004. Article dated April 12, 2000.
- CFHT 2000c *A Fibered Large Interferometer on top of Mauna Kea: OHANA, the Optical Hawaiian Array for Nano-Radian Astronomy*. Internet Web Site: [http://www.cfht.hawaii.edu/~lai/OHANA/ohana\\_spie.pdf](http://www.cfht.hawaii.edu/~lai/OHANA/ohana_spie.pdf). Presented at the 2000 Astronomical Telescopes and Instrumentation Conference. Accessed April 29, 2004.
- CFHT 2004 Canada-France-Hawaii-Telescope Corporation (CFHT). Personal Communication between C. Veillet, CFHT and J. Pascal, Tetra Tech, Inc., February 12, 2004.
- Char 1985 W. Char. Botanical survey for the proposed Temporary Construction Camp Housing at Hale Pōhaku, Mauna Kea, Island of Hawai'i. Prepared for MCM Planning, June 1985.
- Char 1990 W. Char. Botanical Survey JNLT and Associated Facilities Mauna Kea, Hamakua, Hawai'i. Prepared for MCM Planning, Honolulu, Hawai'i. 1990.
- Char 1999 W. Char. "Botanical Resources, Hale Pohaku Mid-Elevation Facilities. Botanical Resources, Mauna Kea Summit, Hawai'i". Appendix B, *Mauna Kea Science Reserve Master Plan. Final Environmental Impact Statement, Volume II. Technical Appendices A-J*. 1999.

Cordy 1994	R. Cordy. "A Regional Synthesis of Hāmākua District island of Hawai‘i". Historic Preservation Division Department of Land and Natural Resources. State of Hawai‘i, 1994.
County of Hawai‘i 2004	County of Hawai‘i, Planning Department. Correspondence from C. Yuen, County of Hawai‘i Planning, and C. Pilcher, NASA Project Regarding future projects adjacent to the project area, March 8, 2004.
Cruikshank 1986	D. Cruikshank. <i>Mauna Kea: A Guide to Upper Slopes and Observatories</i> , University of Hawai‘i Institute for Astronomy, 1986.
CSO 2004a	Caltech Submillimeter Observatory. Personal Communication between R. Chamberlain, CSO and J. Paschal, Tetra Tech, Inc., February 18, 2004.
CSO 2004b	Caltech Submillimeter Observatory. Personal Communication between Richard Chamberlain, CSO and K. Dolan, CalTech, May through June 2004.
Cuddihy 1989	L.W. Cuddihy. Vegetation zones of the Hawaiian Islands. Pages 27-37 in C.P. Stone and D.B. Stone (editors). <i>Conservation Biology in Hawai‘i</i> . University of Hawai‘i Cooperative National Park Resources Studies Unit, Honolulu, Hawai‘i. 252 pages.
Cuddihy and Stone 1990	Cuddihy, L.W. and C.P. Stone. <i>Alteration of Native Hawaiian Vegetation</i> . University of Hawai‘i Cooperative National Park Resources Studies Unit, Honolulu, Hawai‘i. 138 pages.
CWRM 2001	Commission on Water Resource Management (CWRM). <i>Hawaii Ground Water, Index and Summary</i> . Electronic file of the Commission on Water Resource Management, Department of Land and Natural Resources, State of Hawai‘i, 2001.
Dames & Moore 1999a	"Final Report Geology/Hydrology/Soils W.M. Keck Observatory Interferometer Outrigger Telescope Project". January 28, 1999.



Dames & Moore 1999b	“Final Report Air Quality-Construction Impacts W. M. Keck Observatory Interferometer Outrigger Telescope Project”. Revised, November 1999.
Day and others 2003	Day, R.H., B.A. Cooper, and R.F. Blaha. Movement patterns of Hawaiian petrels and Newell’s shearwaters on the Island of Hawai‘i. <i>Pacific Science</i> 57(2):147-159.
DBEDT 2004	State of Hawai‘i, Department of Business, Economic Development & Tourism (DBEDT). Correspondence from M. Kobayashi, Administrator, DBEDT to C. Pilcher, , NASA, February 26, 2004.
DHHL 2004	Department of Hawaiian Homelands., Correspondence from D. Yagodich, DHHL to C, Pilcher, NASA, March 13, 2004.
Duman and Montgomery 1991	Duman, J.G. and S.L. Montgomery. “Subzero Temperature Adaptations in Arthropods from the Summit of Mauna Kea, Hawai‘i.” <i>The Journal of Experimental Zoology</i> , 259:409-412. Wiley-Liss, Inc. 1991.
Ebel 2001	Ebel, B. “Hydrologic Modeling of Lake Waiau, Hawai‘i.” Senior Honors Thesis, Department of Earth and Planetary Sciences, Washington University, St. Louis, MO. 18 pages and 15 figures.
Eldredge and Miller 1995	Eldredge, L.G. and S.E. Miller. “How many species in Hawai‘i?” <i>Bishop Museum Occasional Papers</i> 41:1-18.
Englund and others 2002	Englund, R.A., D.A. Polhemus, F.G. Howarth, and S.L. Montgomery. “Range, Habitat, and Ecology of the Wēkiu bug ( <i>Nysius wekiuicola</i> ), a rare insect species unique to Mauna Kea, Hawai‘i Island.” Final Report. Hawaii Biological Survey Contribution No. 2002-23.
Environmental Review 2002	Restoring Palila on the Big Island. Environmental Review Volume 9, number 6, Seattle WA. <a href="http://www.northwestwatch.org/press/envreview.pdf">http://www.northwestwatch.org/press/envreview.pdf</a>

- Erasmus 1986  
D. Erasmus. "Meteorological Conditions Affecting Observing Quality on Mauna Kea". *Pub Astronomical Soc Pacific*, 98, 254-259, 1986
- Furumoto and Adams 1968  
Furumoto, A.S., and Adams, W.M., 1968, Seismic refraction study of the internal structure of a volcanic cinder cone, pp. 112-121 *in* Knopoff, Leon, Drake, C.L., and Hart, P.J., eds., The crust and upper mantle of the Pacific area: Amer. Geophys. Union, Geophysical Monograph 12.
- Furumoto and others 1990  
Furumoto, A. S., Herrero-Bervera, E., and Adams, W.M., 1990, Earthquake risk and hazard potential of the Hawaiian Islands: University of Hawaii, Hawaii Institute of Geophysics Report (July, 1990), 37 pp.
- Gagne 1971  
W.C. Gagne. Notes. Proceedings of the Hawaiian Entomological Society 21(1):25.
- Gagne 1979  
W.C. Gagne. Canopy-associated arthropods in *Acacia koa* and *Metrosideros* tree communities along an altitudinal transect in Hawai'i Island. *Pacific Insects* 21(1):56-82.
- Gagne and Christensen 1985  
Gagne, W.C. and C.C. Christensen. Conservation status of native terrestrial invertebrates in Hawai'i. Pages 105-126 in C.P. Stone and J.M. Scott (editors). *Hawai'i Terrestrial Ecosystems: Preservation and Management*. Proceedings of a Symposium held June 5-6, 1984 at Hawai'i Volcanoes National Park.
- Gagne and Montgomery 1988  
Gagne, W.C. and S. Montgomery. Report to U.S. Fish and Wildlife Service on Arthropod Resource Base Inventory: Mauna Kea Canopy – Associated Arthropods.
- Gemini Observatory 2004  
Gemini Observatory Northern Operations Center (Gemini). Personal Communication between S. Hardash, Gemini Observatory Northern Operations Center and J. Pascal, Tetra Tech, Inc., February 17, 2004.
- Gerrish 1979  
G. Gerrish. Botanical survey of principal site (Hale Pōhaku) and two alternate sites. Prepared for Group 70, Inc, June 1979.

- Gregory and Wentworth 1937  
Gregory, H. and C.K. Wentworth. General Features and Glacial Geology of Mauna Kea, Hawai'i. Bulletin of the Geological Society of America, Volume 48, pages 1719-1742.
- GTE HTC Co and UH IfA 1995  
GTE Hawaiian Telephone Company (HTCo) and University of Hawai'i Institute for Astronomy (UH IfA). *Project Description and Environmental Review, GTE Telephone Company Fiber Optic Cable Project Pōhakuloa to Hale Pōhaku Link, Mauna Kea, Hāmākua, Hawai'i*. Prepared by MCM Planning, September 1995.
- Guppy 1897  
Guppy, H.B. On the summit of Mauna Loa. Nature 57:20-21.
- Hammatt and Borthwick 1988  
Hammatt, H. and D. Borthwick. Archaeological Reconnaissance of Two Proposed Antenna Sites for the National Radio Astronomy Observatory, Mauna Kea, Hawai'i, 1988.
- Harrison 1990  
C.S. Harrison. *Seabirds of Hawai'i*. Comstock Publishing Associates, Ithaca, N.Y., 1990.
- Hartt and Neal 1940  
Hartt, C.E. and M.C. Neal. The plant ecology of Mauna Kea, Hawai'i. Ecology 21(2): 237-266.
- Hawaii Audobon Society 1993  
*Hawaii's Birds*. 4<sup>th</sup> ed. Hawaii Audobon Society, Honolulu. 1993.
- Hawaii Tribune Herald 2003  
Special Edition newspaper distribution: *Stars Over Mauna Kea*. June 22, 2003.
- Hazlett and Hyundman 1996  
Hazlett, R.W. and D.W. Hyundman. Roadside Geology of Hawai'i. Mountain Press Publishing Co., Missoula, MT. 307 pp.
- Hess and others 1999  
Hess, S.C., P.C. Banko, G.J. Brenner, and J.D. Jacobi. Factors related to the recovery of subalpine woodland on Mauna Kea, Hawai'i. Biotropica 31(2):212-219.
- Hirota 1999  
S. Hirota. "Mauna Kea Complex Development Plan Update: Roadway and Utilities Report". In Mauna Kea Science Reserve Master Plan, Appendix L, July 1999.

- HLA 1990                      Harding Lawson Associates (HLA). "Final report - Soil Investigation and Topographic Survey for the proposed JNLT Telescope, Mauna Kea, island of Hawai'i, Hawai'i". Prepared for the National Astronomical Observatory, Mitaka, Tokyo, Japan, 1990.
- HLA 1991                      Harding Lawson Associates (HLA). "Geotechnical Investigation, W.M. Keck Observatory Expansion", Mauna Kea, Hawai'i, October 14, 1991.
- HLA 1998                      Harding Lawson Associates (HLA). "Geotechnical Recommendations, Keck Interferometer, Outrigger Telescope, Mauna Kea, Hawai'i". Unpublished report prepared for the W.M. Keck Observatory, Kamuela, Hawai'i, 1998.
- HLA 2000                      Harding Lawson Associates (HLA). Series of Civil Engineering drawings for the Outrigger Telescopes Project, September 12, 2000.
- Hooper 1998                      Hooper, D.M., 1998, Computer-simulation models of scoria cone degradation: *Journal of Volcanology and Geothermal Research*, v. 83, p. 241-267.
- Howarth 1979                      F.G. Howarth. Notes and Exhibitions. *Proceedings of the Hawaiian Entomological Society* 21(1):14.
- Howarth 1988                      F.G. Howarth. The quest for terrestrial and extra-terrestrial life on Mauna Kea, Hawai'i. *Wings*.
- Howarth 1991                      F.G. Howarth. The Conservation of Island Insects and Their Habitats. Pages 71-107 in N.M. Collins and J.A. Thomas (editors). *The Conservation of Insects and Their Habitats*. Academic Press, London.
- Howarth and Montgomery 1980                      Howarth, F. G. and S. L. Montgomery. Notes on the ecology of the high altitude aeolian zone on Mauna Kea. *'Elepaio, J. Hawai'i. Audubon Soc.* 1(3): 21-22, 1980.

- Howarth and others 1999      Howarth, F. G., G. J. Brenner and D. J. Preston. "An Arthropod Assessment Within Selected Areas of the Mauna Kea Science Reserve--Final Report". Prepared for the University of Hawai'i, Institute for Astronomy. Honolulu, Hawai'i. In Mauna Kea Science Reserve Master Plan, Appendix J, May 7, 1999. 62 pp. plus maps.
- Howarth and Stone 1982      Howarth, F. G. and F. D. Stone. *An Assessment of the Arthropod Fauna and the Aeolian Ecosystem Near the Summit of Mauna Kea, Hawai'i*. B.P. Bishop Museum. Honolulu, Hawai'i, Volume 2, 1982.
- I'i 1959      J.P. I'i. *Fragments of Hawaiian History*. Honolulu: Bishop Museum Press, 1959.
- IRTF 2001      Infrared Telescope Facility (IRTF). *About the IRTF*. Internet Website: <http://irtfweb.ifa.hawaii.edu/About/>. Accessed February 2, 2004.
- JAC 2004a      Joint Astronomy Center. Personal Communciation between W. Light, Joint Astronomy Center and J. Pascal, Tetra Tech, Inc., February 11, 2004.
- JAC 2004b      Joint Astronomy Center. Personal Communciation between W. Light, Joint Astronomy Center and J. Pascal, Tetra Tech, Inc., March 17, 2004.
- JACH 2003      Joint Astronomy Center, Hilo (JACH). Pamphlet: *The Joint Astronomy Center: The James Clerk Maxwell Telescope and The United Kingdom Infrared Telescope*, December 2003.
- Jarves 1840      Jarves, J.J. 1840. Excerpts from The Polynesian. July 28, 1840.
- JCMT 2004      James Clerk Maxwell Telescope (JCMT). Internet Website: <http://outreach.jach.hawaii.edu/articles/moreaboutjcmt/>. Accessed February 9, 2004.
- Johnson 2001      Johnson, S. "Modeling Lake Waiau: A Study of Stable Isotope Distribution and Water Chemistry". Senior Honors Thesis, Department of Earth and Planetary Sciences, Washington University, St. Louis, MO. 26 pages, May 13, 2001.

Johnson and Koyanagi 1988	Forthcoming
Kamakau 1961	S.M. Kamakau. <i>Ruling Chiefs of Hawai‘i</i> . Honolulu: Kamehameha Schools Press, 1961.
Kamakau 1964	S.M. Kamakau. “Ka Po‘e Kahiko: The People of Old”. <i>B.P. Bishop Museum Special Publication</i> 51. Bishop Museum Press, Honolulu, 1964.
Kamakau 1976	S.M. Kamakau. “The Works of the People of Old: Na Hana a ka Po‘e Kahiko”. <i>B.P. Bishop Museum Special Publication</i> 61. Bishop Museum Press, Honolulu, 1976.
Kamakau 1991	S.M. Kamakau. “Tales and Traditions of the People of Old, Nā Mo‘olelo a ka Po‘e Kahiko”. Bishop Museum Press, Honolulu, 1991.
Kamakau 1992	S.M. Kamakau. <i>Ruling Chiefs of Hawai‘i</i> . Originally published 1961. Honolulu: Kamehameha Schools Press, 1992.
Kanahele and Kanahele 1997	Kanahele, P.K. and E.L.H. Kanahele. “A Hawaiian Cultural Assessment of the Proposed Saddle Road Alignments”. Project A-AD-6(1). Hilo, Hawai‘i, 1997.
Kepler 1984	A.K. Kepler. <i>Hawaiian Heritage Plants</i> . Oriental Publishing Co., Honolulu, Hawaii. 150 pages.
Kimura and Nagata 1980	Kimura, B.Y. and K.M. Nagata. <i>Hawai‘i’s Vanishing Flora</i> . The Orient Publishing Co., Honolulu, Hawaii. 88 pages.
Kingery 2000	F. Kingery. “W.M. Keck Observatory Interferometer Outrigger Telescope Project Environmental Assessment Geology/Hydrology/Soils”, July 7, 2000.
Kjargaard 1988	M.S. Kjargaard. <i>Supplementary Survey for the Proposed VLBA Antenna Facility Mauna kea, Hamakua, Hawai‘i</i> . Prepared for MCM Planning, Honolulu. 1988.
Klein 1994	Klein, F.W., 1994, <i>Seismic hazards at Kilauea and Mauna Loa volcanoes, Hawaii</i> : U.S. Geological Survey Open File Report 94-216, 97 pp.
Krauss 1993	B.H. Krauss. <i>Plants in Hawaiian Culture</i> . University of Hawai‘i Press, Honolulu, Hawai‘i. 345 pages.

- Kuykendall and others 1962 Kuykendall, Ralph S. and A. Grove Day. *Hawaii: A History*. 2<sup>nd</sup> printing. Prentice-Hall, Englewood Cliffs, New Jersey. 1962.
- Langlas and others 1997 Langlas, Charles, Thomas R. Wolforth, James Head, and Peter Jensen 1997. Archaeological Inventory Survey and Historic and Traditional Cultural Assessment for the Hawai'i Defense Access Road A-AD-6(1) and Saddle Road (SR 200) Project, Districts of South Kohala, Hāmākua, North Hilo, and South Hilo, Island of Hawai'i. Paul H. Rosendahl, Ph.D., Inc., Hilo. Prepared for RUST Environmental and Infrastructure Inc., Phoenix, Arizona. On file, State Historic Preservation Division, Kapolei.
- Laws and Woodcock 1981 Laws, E.A. and A.H. Woodcock. 1981. Hyperentrophication of an Hawaiian Alpine Lake. *Pacific Science* 35(3): 257-261.
- Lipman and others 1985 Lipman, P.W., J.P., Lockwood, R.T., Okamura, D.A., Swanson, and K.M. Yamashita. "Ground Deformation Associated with the 1975-7.2 Earthquake and Resulting Changes in Activity of Kilauea Volcano, Hawaii", U.S. Geological Survey Professional Paper, 1985.
- Lockwood 2000 Lockwood, J.P., 2000, Mauna Kea Science Reserve Geological Resources Management Plan, Appendix H, *in* Mauna Kea Science Reserve Master Plan: Group 70 International, Inc. Report to the Regents of the University of Hawaii. January 2000.
- Lockwood and others 1985 Lockwood, J.P., Banks, N.G., English, T.T., Greenland, Paul, Jackson, D.B., Johnson, D.J., Koyanagi, R.Y., McGee, K.A., Okamura, A.T., and Rhodes, J.M., 1985, The 1984 eruption of Mauna Loa Volcano, Hawaii: *Amer. Geophys. Union Trans*, EOS v. 66, n. 16, pp 169-171.
- Loope and others 2001 Loope, Lloyd L., Franics G. Howarth, Frederick Kraus, and Thane K. Pratt. "Newly Emergent and Future Threats of Alien Species to Pacific Birds and Ecosystems." *Studies in Avian Biology* No. 22:291-304, 2001.

- Lovenduski 2000 N. Lovenduski. "Modeling evaporation from Lake Waiau and Evaporation Pans, Hawai'i. Report of Thesis", Washington University, 2000.
- Lyons 1891 C.J. Lyons. *Kaohe and Humu'ula, Hawai'i*. Map. Original scale, 1:60,000. Registered Map 1641, Hawai'i State Survey Office, Honolulu.
- Lyons 1903 C.J. Lyons. "A History of the Hawaiian Government Survey with Notes on Land Matters in Hawai'i." Appendices 3 and 4 in Surveyor's Report for 1902. *Hawaiian Gazette*, Honolulu. 1903.
- Malo 1951 D. Malo. *Hawaiian Antiquities*. Honolulu, B.P. Bishop Museum, 1951.
- Maly 1992-1998 K. Maly. "Ka'ao Ho'oniua Pu'uwai no Ka-Miki (The Heart Stirring Story of Ka-Miki)". A translation of a legendary account of people and places of the island of Hawai'i. Published in the Hawaiian Newspaper *Ka Hōkū o Hawai'i*; January 8, 1914 - December 6, 1917.
- Maly 1998 K. Maly. "Mauna Kea Kuahiwi Ku Ha'o i ka Mālie", *A Report on Archival and Historical Documentary Research; Ahupua'a of Humu'ula and Ka'ohe, Districts of Hilo and Hāmākua, island of Hawai'i*. Prepared for Native Lands Institute. Hilo, Hawai'i, May 1998.
- Maly 1999 K. Maly. "Mauna Kea Science Reserve and Hale Pōhaku Complex Development Plan Update: Oral History and Consultation Study, and Archival Literature Research". Prepared by Kumu Pono Associates for Group 70 International, Honolulu, Hawai'i, 1999.
- Massey 1978 J.E. Massey. Lake Waiau: A Study of a Tropical Alpine Lake, Past and Present. Ph.D. Thesis, University of Hawai'i, 130 pages.
- McCoy and McEldowney 1982 McCoy, Patrick C. and H. McEldowney. "Archaeological Reconnaissance Survey". In Cultural Resources Reconnaissance of the Mauna Kea Summit Region. Department of Anthropology, Bishop Museum, 1982.



- McCoy 1977a *The Mauna Kea Adze Quarry Project: A Summary of the 1975 Field Investigations.* Bishop Museum, Honolulu. On file, State Historic Preservation Division, Kapolei.
- McCoy 1977b The Mauna Kea Adze Quarry Project: A Summary of the 1975 Field Investigations. *Journal of the Polynesian Society* 86(2):223-244.
- McCoy 1978 *The B. P. Bishop Museum Mauna Kea Adze Quarry Project.* Bishop Museum Anthropology Department, Honolulu. Prepared for State Department of Land and Natural Resources, Historic Preservation Office, Honolulu. On file, State Historic Preservation Division, Kapolei.
- McCoy 1982a Archaeological Reconnaissance Survey. Report 2 in *Cultural Resources Reconnaissance of the Mauna Kea Summit Region*, by Holly McEldowney and P. C. McCoy, pp. 2.1-2.38. Bishop Museum Anthropology Department, Honolulu. Prepared for Group 70, Honolulu. On file, State Historic Preservation Division, Kapolei.
- McCoy 1982b *Archaeological Survey of the Proposed Site of the Caltech 10-Meter Telescope on Mauna Kea, Hawai'i.* Bishop Museum Anthropology Department, Honolulu. Prepared for Group 70, Honolulu.
- McCoy 1984 P.C. McCoy. "Mauna Kea Summit Region Survey: A Summary of the 1984 Fieldwork". Bishop Museum Manuscript on File at the State Historic Preservation Office, Honolulu, 1984.
- McCoy 1985 P.C. McCoy. *Preliminary Archaeological Survey of the Pu'u Kalepeamo Site, Mauna Kea, Hawai'i.* Bishop Museum Anthropology Department, Honolulu. Prepared for MCM Planning (location not indicated). On file, State Historic Preservation Division, Kapolei. 1985.

- McCoy 1990 P.C. McCoy. Subsistence in a "Non-Subsistence" Environment: Factors of Production in a Hawaiian Alpine Desert Adze Quarry. In *Pacific Production Systems: Approaches to Economic Prehistory*, edited by D.E. Yen and J.M.J. Mummery, pp. 85-119. Australian National University Department of Prehistory, Research School of Pacific Studies, Canberra. 1990.
- McCoy 1991 *Survey and Test Excavations of the Pu'u Kalepeamoia Site, Mauna Kea, Hawai'i*. Mountain Archaeology Research Corp., Aiea, and Bishop Museum Applied Research Group, Public Archaeology Section, Honolulu. Prepared for the University of Hawaii at Manoa Facilities Planning and Management Office, Honolulu. On file, State Historic Preservation Division, Kapolei.
- McCoy 1999 P.C. McCoy. "Mauna Kea Science Reserve Archaeological Site Inventory: Formal, Functional, and Spatial Attributes". In Mauna Kea Science Reserve Master Plan, Appendix K. Prepared by the State Historic Preservation Division, February 1999.
- McEldowney 1982 H. McEldowney. "Ethnographic Background of the Mauna Kea Summit Region". Report 1 in Cultural Resources Reconnaissance of the Mauna Kea Summit Region. Bishop Museum, Department of Anthropology ms. 110192, 1982.
- Metcalfe 2001 D. Metcalfe. Monthly Summaries of VLBA, Mauna Kea Meteorology Data from August 1999 to August 2000. Received by R. Arvidson, April 2001.
- MGIO 2004a Mt. Graham International Observatory (U of AZ), *Large Binocular Telescope*, <http://medusa.as.arizona.edu/lbtwww/tech/lbtbook.htm>.
- MGIO 2004b Mt. Graham International Observatory (U of AZ), *Environmental Issues*, <http://mgpc3.as.arizona.edu/Environment.htm>.
- MGIO 2004c Mt. Graham International Observatory (U of AZ), *Site Testing Era*, <http://mgpc3.as.arizona.edu/theearly.htm>.

MKSS 2000	Mauna Kea Support Services (MKSS). Personal Communication between R. Koehler, MKSS and J. Everingham, Science Applications International Corporation, August 24, 2000.
MKSS 2004a	Mauna Kea Support Services (MKSS). Personal Communication between R. Koehler, MKSS and L. Garlinghouse, Tetra Tech, Inc., February 27, 2004.
MKSS 2004b	Mauna Kea Support Services (MKSS). Personal Communication between R. Koehler, MKSS and J. Pascal, Tetra Tech, Inc., March, 2004.
MKSS 2004c	Mauna Kea Support Services (MKSS). Personal Communication between R. Koehler, MKSS and L. Garlinghouse, Tetra Tech, Inc., April 12, 2004.
MKSS 2004d	Mauna Kea Support Services (MKSS). Personal Communication between R. Koehler, MKSS and L. Garlinghouse, Tetra Tech, Inc., May-June, 2004.
Mull 1980	M. Mull. "Conservation and Mauna Kea." Telescopes on Mauna Kea, <i>‘Elepaio</i> , Vol. 40 (II) pp. 156, 1980.
Mullineaux and others 1987	Mullineaux, D.R., Peterson, D.W., and Crandell, D.R., Volcanic Hazards in the Hawaiian Islands, pp 599-621 in Decker, R.W., Wright, T.L., and Stauffer, P.H eds., Volcanism in Hawaii, U.S. Geological Survey Prof paper 1350, 1987.
Nance 2002	T. Nance. Assessment of the Potential Impact on Water Resources of the Proposed Kaloko-Honokohau Business Park in North Kona, Hawaii. Consultant report prepared for Lanihau Partners, LP.
NAOJ 2004	National Astronomical Observatory of Japan (NAOJ). Personal Communication between K. Sekiguchi, Subaru Telescope, NAOJ, and J. Pascal, Tetra Tech, Inc., February 17, 2004.
NASA 1975	National Aeronautics and Space Administration (NASA). <i>Environmental Impact Analysis of the NASA Infrared Telescope Facility at Mauna Kea, Hawaii</i> . Prepared by Booz-Allen Applied Research, July 1975.

NASA 1998	National Aeronautics and Space Administration (NASA). <i>Final Environmental Assessment Temporary Optical Sites for the W.M. Keck Observatory Twin Keck Telescope Interferometer</i> , Prepared by MCM Planning, September 1998.
NASA 2002	National Aeronautics and Space Administration (NASA). <i>Environmental Assessment for the Outrigger Telescopes Project, Mauna Kea Science Reserve, Island of Hawai'i</i> . National Aeronautics and Space Administration, Office of Space Science, Washington, D.C. 2002.
NASA IFRT 2004	NASA Infrared Telescope Facility (NASA IFRT), Personal Communication between A. Tokunaga, NASA IRTF, and J. Pascal, Tetra Tech, Inc., February 17, 2004.
Neal 1939	M.C. Neal. A list of mosses and vascular plants collected on Mauna Kea, August 1935. Proc. Hawaiian Academy of Sciences, B.P. Bishop Museum Special Publication 34: 13.
New 1984	T.R. New. Insect Conservation – An Australian Perspective. Dr. W. Junk Publishers, Dordrecht. 184 pages.
NRIS 2000	National Register Information System (NRIS). <i>National Register of Historic Places</i> . Available at: <a href="http://www.nr.nps.gov">www.nr.nps.gov</a>
NSF 1993	National Science Foundation (NSF). <i>Environmental Assessment for the Gemini Northern 8-Meter Telescope. Mauna Kea, Hawaii</i> . Prepared by Engineering-Science, Inc., December 1993.
ODA/McCarty Architects Limited 2000	Series of Architectural drawings to support the Keck Interferometer Outrigger Site Work Design and Related Work, August 2, 2000.
OEQC 1991	Office of Environmental Quality Control (OEQC). Correspondence between B. Choy, OEQC, to R. McLaren, UH IfA Regarding the addition of the Keck II Telescope to WMKO, August 19, 1991.

OEQC 1997	Office of Environmental Quality Control (OEQC). <i>Guidelines for Assessing Cultural Impacts</i> . Adopted by the Environmental Council, State of Hawai‘i. Available at: <a href="http://www.state.hi.us/health/oeqc/guidance/cultural.htm">www.state.hi.us/health/oeqc/guidance/cultural.htm</a> , 1997.
OHA 1999	Office of Hawaiian Affairs (OHA) Correspondence from C. Kippen, OHA to R. McLaren, UH IfA at Manoa, November 15, 1999.
OMKM 2001	Office of Mauna Kea Management (OMKM). Ho‘opono Mauna Kea Newsletter: <i>Vehicles Barred on Pu‘u Poli‘ahu</i> . Issue No. 4, Summer 2001.
OMKM 2004	Office of Mauna Kea Management (OMKM). Personal Communication between S. Nagata, OMKM to J. Paschal, Tetra Tech, Inc., Regarding Mauna Kea Vehicle Count. March 4, 2004.
Pacific Analytics, LLC 2000	“Wēkiu Bug Mitigation Report”. Prepared for the Outrigger Telescopes Project, December 1999, revised November 4, 2000.
Pacific Analytics, LLC 2001	Wekiu Bug baseline Monitoring Plan. Prepared for the Outrigger Telescopes Project, National Aeronautics and Space Administration, Washington, D.C. November 7, 2001.
Pacific Analytics, LLC 2002a	Wēkiu Bug Baseline Monitoring. Quarterly Report, 1 <sup>st</sup> Quarter 2002.
Pacific Analytics, LLC 2002b	Wēkiu Bug Baseline Monitoring. Quarterly Report, 2 <sup>nd</sup> Quarter 2002.
Pacific Analytics, LLC 2002c	Wēkiu Bug Baseline Monitoring. Quarterly Report, 3 <sup>rd</sup> Quarter 2002.
Pacific Analytics, LLC 2002d	Wēkiu Bug Baseline Monitoring. Quarterly Report, 4 <sup>th</sup> Quarter 2002.
Pacific Analytics, LLC 2003a	Wēkiu Bug Baseline Monitoring. Quarterly Report, 1 <sup>st</sup> Quarter 2003.
Pacific Analytics, LLC 2003b	Wēkiu Bug Baseline Monitoring. Quarterly Report, 2 <sup>nd</sup> Quarter 2003.
Pacific Analytics, LLC 2003c	Wēkiu Bug Baseline Monitoring. Quarterly Report, 3 <sup>rd</sup> Quarter 2003.

- Pacific Analytics, LLC 2003d  
Wēkiu Bug Baseline Monitoring. Quarterly Report, 4<sup>th</sup> Quarter 2003.
- Pan-STARRS 2004  
Panoramic Survey Telescope & Rapid Response System (Pan-STARRS). Internet Website: <http://pan-starrs.ifa.hawaii.edu/>. Accessed February 5, 2004.
- Parker and King 1998  
Parker, P.L. and T.F. King. National Register Bulletin. *Guidelines for Evaluating and Documenting Traditional Cultural Properties*. USDI National Park Service, 1998.
- PHRI 1999  
Paul H. Rosendal, PhD, Inc. "Cultural Impact Assessment Study. Native Hawaiian Cultural Practices, Features, and Beliefs Associated with the University of Hawai'i Mauna Kea Science Reserve Master Plan Project Area". Honolulu, Hawai'i, August 1999.
- Pickles 2003  
A. Pickles. A Timeline of Astronomy in Hawai'i Since the 1940s. "Stars Over Mauna Kea." Special ed., *Hawaii Tribune-Herald*. June 22, 2003.
- Polhemus 1998  
D.A. Polhemus. "*Nysius AA (Heteroptera Lygaeidae)*, A New Species of Micropterous Wēkiu Bug from the Summit of Mauna Loa Volcano, Hawai'i." *Proc. Entomol. Soc. Wash.* 100 (I), pp. 25-31, 1998.
- Polhemus 2001  
D.A. Polhemus. A preliminary survey of Wēkiu bug populations at Pu'u Hau Kea, in the Mauna Kea Ice Age Natural Area Reserve, Hawai'i Island, Hawai'i. Appendix 1 in R.A. Englund, D.A. Polhemus, F.G. Howarth, and S.L. Montgomery's Range, Habitat, and Ecology of the Wēkiu bug (*Nysius wekiuicola*), a rare insect species unique to Mauna Kea, Hawai'i Island. Final Report. Hawaii Biological Survey Contribution No. 2002-023.
- Porter 1979  
Porter, S.C., 1979, Geologic map of Mauna Kea Volcano, Hawaii: Geol. Soc. Of America, Map and Chart Series, No. MC-30.

- Porter 1987  
Porter, S.C., 1987, Pleistocene subglacial eruptions on Mauna Kea, pp. 587-598 in Decker, R.W., Wright, T.L., and Stauffer, P.H., eds., *Volcanism in Hawaii*, U.S. Geological Survey Prof. Paper 1350.
- Pratt and others undated  
Pratt, H.D., P.L. Bruner, and D.G. Berrett. A Field Guide to the Birds of Hawai‘i and the Tropical Pacific. Princeton University Press, Princeton, N.J.
- Pukui 1983  
M.K. Pukui. “Olelo Noeau”. *B.P. Bishop Museum Special Publication 71*. Bishop Museum Press, Honolulu, 1983.
- Pukui and Elbert 1971  
Pukui, M.K. and S.H. Elbert. *Hawaiian Dictionary*. University of Hawai‘i Press, Honolulu, 1971.
- Pukui and Elbert 1986  
Pukui, M.K. and S.H. Elbert. *Hawaiian Dictionary: Hawaiian-English, English-Hawaiian*. University of Hawai‘i Press, Honolulu, 1986.
- Pukui and Korn 1973  
Pukui, M.K., and A.L. Korn. *The Echo of Our Song. Chants and Poems of the Hawaiians*. Honolulu: University Press of Hawai‘i, 1973.
- RCUH 1983a  
Research Corporation of the University of Hawai‘i (RCUH). *Mauna Kea Science Reserve: Complex Development Plan Final Environmental Impact Statement, Mauna Kea, Hāmākua, Hawai‘i*. Prepared by Group 70, January 1983.
- RCUH 1983b  
Research Corporation of the University of Hawai‘i (RCUH). *Mauna Kea Science Reserve Complex Development Plan, Mauna Kea, Hāmākua, Hawai‘i*. Prepared by Group 70, February 1983. Amended 1987.
- Reinman and Schilz 1994  
Reinman, Fred, and Allan J. Schilz 1994. *Archaeological Data Recovery at the Multi-Purpose Range Complex, Pohakuloa Training Area, Island of Hawai‘i*. Ogden Environmental and Energy Services, Honolulu. Prepared for U.S. Army Corps of Engineers, Fort Shafter, Hawai‘i. On file, U.S. Army Corps of Engineers, Fort Shafter.

Remy 1865	J. Remy. “Na Kaao a Kekahi Elemakule o Hawai‘i”. In Ke Au Okoa, Mei 8 & 15, 1865 (translated by Kepā Maly), 1865.
R.M. Towill Corporation1997	Aerial Topographic Mapping, Portion of Mauna Kea Science Reserve, Sheets 5, 6, 9, and 10. August 1997.
Robbins and Hammatt 1990	Robbins, J. and H. Hammatt. “Archaeological Reconnaissance for the Summit and Mid-Level Facilities for the Proposed Japanese National Large Telescope, Mauna Kea, Hawai‘i”. <i>Amendment to the Mauna Kea Science Reserve Complex Development Plan: Final Supplemental EIS for the VLBA Antenna Facility</i> . Prepared by Cultural Surveys Hawai‘i for MCM Planning, 1990.
Robichaux and Others 2000	Robichaux, R. S. Bergfeld, M. Bruegmann, J. Canfield, P. Moriyasu, T. Rubenstein, T. Tunison, and F. Warshauer. Reintroducing Hawaii’s Silverswords. <i>Endangered Species Bulletin</i> Volume 25, Number 3: 22-23. U.S. Fish and Wildlife Service, Honolulu, May/June 2000.
Scott and Others 1986	Scott, J.M., S. Mountainspring, F.L. Ramsey, and C.B. Kepler. <i>Forest Bird Communities of the Hawaiian Islands: Their Dynamics, Ecology, and Conservation</i> . Studies in Avian Biology Number 9. Cooper Ornithological Society. Allen Press, Inc., Lawrence, Kansas, 1986.
Sea West Enterprises, Inc. 2004a	Sea West Enterprises, Inc. Outrigger Array of the Outrigger Telescope Project, 2004.
SHPD 1999	State Historic Preservation Division (SHPD). Correspondence from D. Hibbard, State Historic Preservation Division to R. McLaren, Interim Director, Institute for Astronomy, University of Hawai‘i at Manoa, May 3, 1999.
SHPD 2000	State Historic Preservation Division (SHPD). “Mauna Kea Historic Preservation Plan Management Components”. In Mauna Kea Science Reserve Master Plan, Appendix F. State of Hawai‘i Department of Land and Natural Resources, 2000.



SHPD 2001	State Historic Preservation Division (SHPD). Correspondence from G. Coloma-Agaran, State Historic Preservation Officer, to K. Kumor, NASA Headquarters, March 21, 2001.
Sinoto 1987	Post-Field Report on the Archaeological Surface Survey of the Halepohaku Substation Site and the Overland Transmission Line-Mauka Approach Areas, Halepohaku, Mauna Kea, Hawai'i Island. Mountain Archaeology Research, Aiea, and Bishop Museum Anthropology Department, Honolulu. Letter report submitted to Clyde Akita, Facilities Planning and Management Office, University of Hawai'i, Honolulu. On file, State Historic Preservation Division, Kapolei.
SMA 2004 a	Smithsonian Submillimeter Array (SMA). Brochure: <i>The Submillimeter Array, Mauna Kea, Hawai'i</i> . Internet Website: <a href="http://sma-www.harvard.edu/index.html">http://sma-www.harvard.edu/index.html</a> . Accessed February 2, 2004.
SMA 2004 b	Smithsonian Submillimeter Array (SMA). Personal Communication between A. Schinckel, SMA and J. Pascal, Tetra Tech, Inc. February 19, 2004.
SMA 2004c	Personal communication between A. Schinkel, SMA, and L. Garlinghouse, Tetra Tech. April through May 2004.
Smith 2003	D. Smith. "Ready to Take Wing". Hawaii Tribune Herald, Hilo, December 12, 2003.
Smith and Others 1982	Smith, C. W., W. I. Hoe, and P. J. O'Conner. "Botanical Survey of the Mauna Kea Summit Above 13,000 Feet". B. P. Bishop Museum. Honolulu, Hawai'i, 1982.
SMS 1999	SMS Research and Marketing Services, Inc. (SMS). <i>Economic Impacts of Mauna Kea Observatories, Hawai'i County, State of Hawai'i</i> . SMS Research and Marketing Services, Inc. July 1999.

Sohmer and Smith 1982	Sohmer, S.H. and C.W. Smith. An Archival Report on the Vegetation at the Summit of Mauna Kea with Special Reference to the Proposed Caltech Telescope Site. A 10-Meter Telescope for Millimeter and Submillimeter Astronomy at Mauna Kea, Hāmaku, Hawai‘i Final Environmental Impact Statement Appendix A.
Southwood 1978	T.R.E. Southwood. Ecological Methods with particular reference to the study of Insect Populations. Second Edition. Chapman and Hall, New York. 524 pages. 1978.
Staples and Cowrie 2001	Staples, G.W. and R.H. Cowrie (editors). <i>Hawaii's Invasive Species</i> . Mutual Publishing and Bishop Museum Press, Honolulu. 2001.
State Office of Planning 2000a	State Office of Planning, Correspondence from R. Howard, NASA Headquarters, to D. Blane, Department of Business, Economic Development & Tourism, Office of Planning, State of Hawai‘i, September 26, 2000.
State Office of Planning 2000b	State Office of Planning, Correspondence from D. Blane, Department of Business, Economic Development & Tourism, Office of Planning, State of Hawai‘i to R. Howard, NASA Headquarters, October 3, 2000.
State of Hawai‘i 1968	State of Hawai‘i, Department of Land and Natural Resources (DLNR). DLNR General Lease No. S-4191. Honolulu, Hawai‘i, June 21, 1968.
State of Hawai‘i 1980	State of Hawai‘i, Department of Land and Natural Resources. <i>Revised Environmental Impact Statement for Hale Pōhaku Mid-Elevation Facilities Master Plan, Hāmākua, Mauna Kea, Hawai‘i</i> . Prepared by Group 70, February 1980.
State of Hawai‘i 2000	State of Hawai‘i, Department of Business, Economic Development & Tourism. <i>State of Hawai‘i Data Book</i> , 2000.
State of Hawai‘i 2002	State of Hawai‘i, Department of Health (DOH). Personal Correspondence from B. Anderson, State of Hawai‘i, DOH, and B. Coloma-Agaran, State of Hawai‘i, DLNR, May 23, 2002.

- State of Hawai‘i 2004      State of Hawai‘i, Department of Hawaiian Homelands Planning (DHHL). Personal Correspondence from D. Yagodich, State of Hawai‘i, DHHL, and C. Pilcher, NASA Headquarters, March 13, 2004.
- Stemmerman 1980      M. Stemmerman. Preliminary Avian Survey of Hale Pōhaku and Alternative Sites, Mauna Kea, Hawai‘i. Prepared for the State of Hawai‘i, Department of Land and Natural Resources.
- Stewart 1970      C.S. Stewart. “Journal of a Residence in the Sandwich Islands, During the Years 1823, 1824 and 1825”. Honolulu: University of Hawai‘i Press, 1970.
- Stone 1989      C.P. Stone. “Conservation Biology in Hawai‘i”. University of Hawai‘i Cooperative National Park Resources Studies Unit, Honolulu, Hawai‘i, Pages 88 – 95 in C.P. Stone and D.B. Stone (editors), 1989.
- Stone and Pratt 1994      Stone, C.P. and L.W. Pratt. Hawai‘i’s Plants and Animals. Hawai‘i Natural History Association, Honolulu, Hawai‘i. 399 pages.
- Subaru 1998      Subaru Telescope. Personal communication between T. Nishimura, Subaru Telescope Associate Director, and R. Koehler, Mauna Kea Support Services, General Manager. January 27, 1998
- Subaru 2004a      *Subaru Telescope*. Internet Website: <http://www.naoj.org/>. Accessed February 2, 2004.
- Subaru 2004b      Personal communication between Kaz Sekiguchi, Head of the Director’s Office, Subaru Telescope, National Astronomical Observatory of Japan and Joel Paschal, Tetra Tech, Inc. February 17, 2004.
- Swezey and Williams 1932      Swezey, O.H. and F.X. Williams. Insects from the summit of Mauna Kea. *Proceedings of the Hawaiian Entomological Society* 8(1):191-192.

Tabatabaie and Taylor 1985	Tabatabaie, M. and H.J. Taylor. Soil Investigation, Keck Observatory 10-Meter Telescope, Mauna Kea, Hawai‘i. Consultant report prepared by Harding Lawson Associates for the University of California, Santa Cruz. 20 pages and 26 illustrations.
TNWRE 2004	Tom Nance Water Resource Engineering (TNWRE). Personal Communication between T. Nance, TNWRE, to S. Crede, Science Applications International Corporation, February 25, 2004.
Tomonari-Tuggle 1996	M.J. Tomonari-Tuggle. <i>Bird Catchers and Bullock Hunters in the Upland Mauna Kea Forest: A Cultural Resource Overview of the Hakalau Forest National Wildlife Refuge, Island of Hawai‘i</i> . Prepared for U.S. Fish and Wildlife Service, Hilo, Hawai‘i. International Archaeological Research Institute, Inc., Honolulu. 1996.
Towill 1981	
UH 1983a	University of Hawai‘i (UH). <i>Mauna Kea Science Reserve: Complex Development Plan Final Environmental Impact Statement</i> . Prepared by Group 70, Inc., January 1983.
UH 1985	University of Hawai‘i (UH). <i>Amendment to the Mauna Kea Science Reserve Complex Development Plan. Final Supplemental Environmental Impact Statement for Construction Camp Housing</i> , Hale Pōhaku, Hāmakua, Hawai‘i. Prepared by MCM Planning, October 1985.
UH 1987	University of Hawai‘i (UH). <i>Mauna Kea Science Reserve: Complex Development Plan Final Environmental Impact Statement</i> . Prepared by Group 70, Inc., Amended 1987.
UH 1998	University of Hawai‘i (UH). <i>Atlas of Hawai‘i</i> , Third Edition. Department of Geography, University of Hawai‘i at Hilo, 1998.
UH 1999	University of Hawai‘i (UH). <i>Final Environmental Impact Statement: Mauna Kea Science Reserve Master Plan</i> , Volumes I and II, December 27, 1999.

UH 2000a	University of Hawai‘i (UH). “The Mauna Kea Observatories”. Information Bulletin # 14, February 2000.
UH 2000b	University of Hawai‘i (UH). <i>Mauna Kea Science Reserve Master Plan, 2000</i> , June 16, 2000.
UH 2004	University of Hawai‘i (UH), Hilo. Personal Communication between Dr. Heacox, UH, Hilo, and L. Garlinghouse, Tetra Tech, Inc., March 11, 2004.
UH IfA 1975	University of Hawai‘i Institute for Astronomy (UH IfA). <i>Existing Operations of the UH Observatory and the Construction and Operations of the New IRTF and UKIRT Observatories, Mauna Kea Science Reserve, County of Hawaii, Hawaii, Final Environmental Impact Statement</i> . Prepared by Environmental Planning Consultants, May 1975.
UH IfA 1988	University of Hawai‘i Institute for Astronomy (UH IfA). <i>Amendment to the Mauna Kea Science Reserve Complex Development Plan, Final Supplemental Environmental Impact Statement VLBA Antenna Facility, Mauna Kea, Hāmākua, Hawai‘i</i> . Prepared by MCM Planning, September 1988.
UH IfA 1991	University of Hawai‘i Institute for Astronomy (UH IfA). <i>Project Description, Japan National Large Telescope (JNLT), Mauna Kea, Hāmākua, Hawai‘i</i> . Prepared by MCM Planning, January 1991.
UH IfA 1992	University of Hawai‘i Institute for Astronomy (UH IfA). <i>Project Description, Gemini 8-Meter Telescopes Project</i> . Prepared by Townscape, Inc., July 1992.
UH IfA 1994	University of Hawai‘i Institute for Astronomy (UH IfA). <i>Project Description and Environmental Review, Smithsonian Astrophysical Observatory, Submillimeter Array Telescope, Mauna Kea, Hāmākua, Hawai‘i</i> . Prepared by MCM Planning, January 1994.

UH IfA 1998a	University of Hawai‘i Institute for Astronomy (UH IfA). <i>Project Description and Environmental Review, Temporary Optical Test Sites for the W.M. Keck Observatory Twin Keck Telescope Interferometer</i> . March 1998.
UH IfA 1998b	<i>Final Environmental Assessment: Temporary Optical Test Sites for W.M. Keck Observatory Twin Keck Telescope Interferometer</i> . MCM Planning. September 1998. [see list of references I provided-doc in Rachel’s office I believe]
UH IfA 2000a	University of Hawai‘i Institute for Astronomy (UH IfA). Correspondence from R. McLaren, Interim Director, Institute for Astronomy, University of Hawai‘i to T. Johns, Department of Land and Natural Resources, October 3, 2000.
UH IfA 2000b	University of Hawai‘i Institute for Astronomy (UH IfA). Mauna Kea Observatories Site Maps. March 2000.
UH IfA 2001a	University of Hawai‘i Institute for Astronomy (UH IfA). Conservation District Use Application to expand WMKO facilities, Prepared on behalf of California Association for Research in Astronomy, October 24, 2001.
UH IfA 2001b	University of Hawai‘i Institute for Astronomy (UH IfA). Personal Correspondence from R. McLaren, University of Hawai‘i Institute for Astronomy to S. Crede, Science Applications International Corporation, December 12, 2001.
UH IfA 2001x	University of Hawai‘i Institute for Astronomy (UH IfA). 2001. Brochure: <i>The Solar Systems Exploration Telescope</i> . December 2001.
UH IfA 2002a	University of Hawai‘i Institute for Astronomy (UH IfA). Personal Correspondence between R. McLaren, UH IfA to S. Crede, Science Applications International Corporation, January 26, 2002.
UH IfA 2002b	University of Hawai‘i Institute for Astronomy (UH IfA). <i>Final Environmental Assessment for W.M. Keck Observatory Telescope Project</i> . Prepared on behalf of California Association for Research in Astronomy, March 2002.

UH IfA 2002c	University of Hawai‘i Institute for Astronomy (UH IfA). Brochure: <i>A New Concept for the World’s Most Powerful Telescope</i> . August 14, 2002.
UH IfA 2003	University of Hawai‘i Institute for Astronomy (UH IfA). Personal Communication between R. McLaren, UH IfA, S. Crede, Science Applications International Corporation, and L. Garlinghouse, Tetra Tech, Inc., December 31, 2003.
UH IfA 2003a	University of Hawai‘i Institute for Astronomy (UH IfA). Brochure: <i>The University of Hawai‘i Institute for Astronomy and the Advanced Technology Solar Telescope</i> . April 2003.
UH IfA 2003b	University of Hawai‘i Institute for Astronomy (UH IfA). <i>Installation of Temporary Seeing Monitor on Mauna Kea North Shield: Project Description</i> . October 2003.
UH IfA 2004a	University of Hawai‘i Institute for Astronomy (UH IfA). Personal Communication between M. Maberry, UH IfA and L. Garlinghouse, Tetra Tech, Inc., January 29, 2004.
UH IfA 2004b	University of Hawai‘i Institute for Astronomy (UH IfA). Personal Communication between R. Wainscoat, UH IfA, and J. Pascal, Tetra Tech Inc., February 2004.
UH IfA 2004c	University of Hawai‘i Institute for Astronomy (UH IfA). Internet website: <a href="http://pan-starrs.ifa.hawaii.edu">http://pan-starrs.ifa.hawaii.edu</a> . Accessed February 5, 2004.
UH IfA 2004d	University of Hawai‘i Institute for Astronomy (UH IfA). Personal Communication between R. McLaren, UH IfA and L. Garlinghouse, Tetra Tech, Inc., January through March, 2004.
UH IfA 2004e	University of Hawai‘i Institute for Astronomy (UH IfA). Personal Communication between R. Kudritzki, UH IfA and L. Garlinghouse, Tetra Tech, Inc., March 10, 2004.
UH IfA 2004f	University of Hawai‘i Institute for Astronomy (UH IfA). Personal Communication between R. McLaren, UH IfA and L. Garlinghouse, Tetra Tech, Inc., April and May, 2004.

UKIRT 2004	The United Kingdom Infrared Telescope (UKIRT). Internet Website: <a href="http://outreach.jach.hawaii.edu/articles/aboutukirt/">http://outreach.jach.hawaii.edu/articles/aboutukirt/</a> Accessed February 9, 2004.
Unger and Ward 1979	Unger, J. D., and Ward, P.L., 1979, A large, deep Hawaiian earthquake – the Honouliuli, Hawaii event of April 26, 1973: Seismological Soc. Of America Bull., v. 69, pp. 1771-1781.
USACE 2003	U.S. Army Corps of Engineers (USACE). <i>Draft Environmental Impact Statement for the Transformation of the 2<sup>nd</sup> Brigade, 25<sup>th</sup> Infantry Division (L) to a Stryker Brigade Combat Team in Hawai‘i</i> . Volumes I, II, and III, Prepared by Tetra Tech, Inc., October 2003.
USBC 2000	U.S. Bureau of the Census (USBC). “Census 2000 Redistricting Data Summary File”. Figures compiled and calculated by the County of Hawai‘i State Department of Business, Development & Tourism, Hawai‘i State Data Center, April 6, 2001.
USBC 2001	U.S. Bureau of the Census (USBC). State and County QuickFacts. Data derived from Population Estimates. Available at <a href="http://www.census.gov">www.census.gov</a> , Washington, DC, 2000.
USDOC 1990	U.S. Department of Commerce (USDOC). <i>U.S. Gazetteer</i> , STF3A Tables, Table P12 (Hispanic Origin by Race). Prepared by the U.S. Census Bureau, Available at <a href="http://www.census.gov">www.census.gov</a> , Washington, DC, 1990.
USDOC 2000	U.S. Department of Commerce (USDOC). “Census 2000 TIGER/Line Files for Hawai‘i” (machine-readable data files). Prepared by the U.S. Census Bureau, Available at <a href="http://www.census.gov">www.census.gov</a> , Washington, DC, 2000.
USDOC 2001a	U.S. Department of Commerce (USDOC). “Census 2000 Summary File 1 for Hawai‘i”. Prepared by the U.S. Census Bureau, available at <a href="http://www.census.gov">www.census.gov</a> , Washington, DC, 2001.



USDOC 2001b	U.S. Department of Commerce (USDOC). Hawaii State Department of Business, Economic Development & Tourism, Population and Economic Projections for the State of Hawai‘i to 2025 (Series DBEDT 2025) (February 2000) < <a href="http://www.hawaii.gov/dbedt/2025/index.html">http://www.hawaii.gov/dbedt/2025/index.html</a> >.
USDOI 2003	U.S. Department of the Interior (USDOI). Correspondence from D. Wesley, Regional Director, U.S. Department of the Interior, Fish and Wildlife Service to C. Smith, KAHEA: The Hawaiian-Environmental Alliance, July 11, 2003.
USDOT 1997	U.S. Department of Transportation (USDOT). <i>Final Environmental Impact Statement, Parts I, II, and III, Saddle Road (State Route 200) Mamalahoa Highway (State Route 190) to Milepost 6.</i> County of Hawai‘i, State of Hawai‘i FHWA Project No. A-AD-6(1). Document Number FHWA-FPHI-EIS-97-1-F, 1997.
USDOT 2000	U.S. Department of Transportation (USDOT), Federal Highway Administration. <i>Final Environmental Impact Statement Part I, Saddle Road (State Route 200), Mamalahoa Highway (State Route 190) to Milepost 6.</i> FHWA-FPHI-EIS-97-1-F, Volumes I, II and III, 2000.
USEPA 1995	U.S. Environmental Protection Agency (USEPA). Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume 1, Chapter 13: Miscellaneous Sources.
USEPA 2001	U.S. Environmental Protection Agency (USEPA), Office of Solid Waste and Emergency Response. <i>Consolidated List of Chemicals Subject to the Emergency Planning and Community Right-to-Know Act (EPCRA) and Section 112(r) of the Clean Air Act.</i> EPA 550-B-01-003, October 2001.
USEPA 2004	U.S. Environmental Protection Agency (USEPA), Office of Solid Waste and Emergency Response. <i>Municipal Solid Waste, Basic Facts.</i> Available at: <a href="http://www.epa.gov/epaoswer/non-hw/muncpl/facts.htm">http://www.epa.gov/epaoswer/non-hw/muncpl/facts.htm</a>

USFWS 1979	U.S. Fish and Wildlife Service (USFWS). Correspondence from the Acting Regional Director in reply to AFA-SE, #1-2-79-F-66. November 2, 1979. In State of Hawaii, Department of Land and Natural Resources, Hale Pōhaku, Hāmākua, Mauna Kea, Hawai‘i Mid-Elevation Facilities Master Plan Revised Environmental Impact Statement. February 1980.
USFWS 1996	U.S. Department of the Interior/Fish and Wildlife Service (USFWS). <i>Animals, Hawaiian Islands</i> . Listed, proposed or candidate species under the U.S. Endangered Species Act (ESA). Unpublished list, Pacific Islands Eco-Region Office, Honolulu, Hawai‘i, 1996.
USFWS 1997	U.S. Department of the Interior/Fish and Wildlife Service (USFWS). <i>Plants, Hawaiian Islands</i> . Listed, proposed or candidate species under the U.S. Endangered Species Act. Unpublished list, Pacific Islands Eco-Region Office, Honolulu, Hawai‘i, 1997.
USFWS 1999	U.S. Fish and Wildlife Service (USFWS). U.S. Fish and Wildlife Service species list, plants. March 23, 1999. Pacific Islands Ecoregion Office, Honolulu, Hawai‘i, 1999.
USFWS 2001	U.S. Fish and Wildlife Service (USFWS). Correspondence from Paul Henson, Field Supervisor Ecological Services, US Fish and Wildlife Services, Honolulu. January 21, 2001.
USFWS 2002	U.S. Fish and Wildlife Service (USFWS). Endangered and Threatened Wildlife and Plants; Review of Species that are Candidates for listing as endangered or threatened. Federal Register Vol. 67, No. 114 / Thursday, June 13, 2002.
USFWS 2004	U.S. Fish and Wildlife Service (USFWS). Correspondence from M. Bruegmann, USFWS, and Greg Brenner, Pacific Analytics. June 8, 2004
USGS 1982	U.S. Geological Survey (USGS). <i>Mauna Kea</i> . Topographic sheet. Scale, 1:24,000. U.S. Geological Survey (location not indicated).

- USGS 1999 U.S. Geological Survey (USGS). Status and Trends of the Nation's Biological Resources, Regional Trends in Hawaiian and Pacific Islands. USGS, Biological Resource Division. 1999. Internet Web Site: <http://biology.usgs.gov/s+t/SNT/noframe/pi179.htm>. Accessed February 24, 2004.
- USGS 2000 U.S. Geological Survey (USGS). "Volcanism in Hawaii", Prof Paper 1350, Chapter 35.
- USGS 2004 U.S. Geological Survey (USGS). "Volcanic and Seismic Hazards on the Island of Hawaii", Online Edition, Last Updated July 18, 1997.
- Usinger 1936 R.L. Usinger. "The genus *Geocoris* in the Hawaiian Islands". *Proceedings of the Hawaiian Entomological Society* 9:212-215, 1936.
- Valier 1995 K. Valier. *Ferns of Hawai'i*. University of Hawai'i Press, Honolulu, Hawai'i, 1995.
- Van Riper 1975 C. Van Riper. Composition and Phenology of the Dry Forest of Mauna Kea, Hawai'i, as related to the annual cycle of the *amakihi* (*Loxops virens*) and *palila* (*Psittirostra bailleui*). Island Ecosystems IRP, U.S. International Biological Program, Technical Report Number 51. 1975.
- VLBA 2004 Very Long Baseline Array (VLBA). Personal Communication between McKinnon, VLBA and J. Pascal, Tetra Tech, Inc., March 23, 2004.
- Wagner and Others 1990 Wagner, W.L., D.R. Herbst, and S.H. Sohmer. *Manual of the Flowering Plants of Hawai'i*. 2 volumes. University of Hawai'i and Bishop Museum Presses, Honolulu, Hawai'i. 1853 pages. 1990.
- Wentworth and Powers 1943 Wentworth, C.K. and W.E. Powers. Glacial Springs on the Island of Hawai'i. *Journal of Geology* 60(8): 542-547.
- Westervelt 1963 "Hawaiian Legends of Volcanoes". Reprint. Rutland, Vermont: Chas. E. Tuttle Co., 1963.
- Williams 1932 F.X. Williams. "Notes on a Small Collection of Philippine Weevils that Feed in the Fleshy Receptacles or 'Fruits' of Wild Figs." *Proc. Haw. Ent. Soc.*, VIII, No. 1, November 1932.

- Wiltse 1862 S.C. Wiltse. *Humu'ula, Hilo, Hawai'i*. Map. Bar scale. Tracing by L. Cabot. Registered Map 668, Hawaii State Survey Division, Honolulu.
- WMKO 2001 W.M. Keck Observatory (WMKO). Personal Communication between J. Bell, CARA and S. Crede, Science Applications International Corporation. August 22, 2001.
- WMKO 2002 W.M. Keck Observatory (WMKO). *World's Largest Telescope Creates a Virtual Star Over Hawaii Brings Astronomers Closer to Unveiling the Entire Sky with Adaptive Optics*. Dated January 4, 2002. Internet Web Site: <http://www2.hawaii.edu/news/laser.html>. Accessed February 27, 2004.
- WMKO 2004 W.M. Keck Observatory (WMKO). *Two Telescopes, One Vision: W. M. Keck Observatory*. Internet Website: <http://www2.keck.hawaii.edu/geninfo/about.html>. Accessed February 18, 2004.
- Wolfe and Morris 1996 Wolfe, E.W. and J. Morris. Geologic Map of the Island of Hawai'i. U.S. Department of the Interior, U.S. Geologic Survey map no. I-2524-A.
- Wolfe and others 1997 Wolfe, E.W., W.S. Wise, and G.B. Dalrymple. The Geology and Petrology of Mauna Kea Volcano, Hawai'i – A Study of Postshield Volcanism. USGS Professional Paper 1557. US Government Printing Office, Washington D.C.
- Woodcock 1980 A.H. Woodcock. Hawaiian Alpine Lake Level, Rainfall Trends, and Spring Flow. *Pacific Science* 34(2): 195-209.
- Woodcock and others 1966 Woodcock, A.H., M. Rubin, and R.A. Duce. A Deep Layer of Sediments in Alpine Lake in the Tropical Mid-Pacific. *Science* 154: 647-648.
- Wyss 1988 Wyss, Max, 1988, A proposed source model for the great Kau, Hawaii earthquake of 1868: *Seismological Soc. of America Bull.*, v.78, pp 1450-1462.

Wyss 1992

Wyss, Max, and Koyanagi, R.Y., 1992, Isoseismal maps, macroseismic epicenters, and estimated magnitudes of historical earthquakes in the Hawaiian Islands: U.S. Geological Survey Bulletin 2006, 93 pp.

Yuen (George A.L.) & Associates, Inc. 1992

State Water Resources Protection Plan, Volume II, Appendix. Consultant report prepared for the Commission on Water Resources Management, Department of Land and Natural Resources, State of Hawai'i.

Zohdy and Jackson 1969

Zohdy, A. and D.B. Jackson. Application of Deep Electrical Soundings for Ground Water Exploration in Hawai'i. Geophysics, Volume 34, pages 584-600.